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Quarterly Progress Report

Number 8

May 15, 1966

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☐ Project Number: 723
Title: PI Performance
Contract Dates: 6/19/64 - 6/19/66
Estimated Costs: ☐
Funds Expended to 4/30/66: ☐
Costs Remaining: ☐
Technical Representative: JH and PS
Project Director: DNB
Project Staff: DNE, AH

Declass Review by NGA.
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This progress report covers the period from February 15, 1966 to May 16, 1966.

Expenditures and Time

As mentioned in the previous progress report, we will require additional time and funds to complete the two current studies. A formal request for additional time and funds was made by letter during this reporting period.

Progress

Mensuration Study. The data collection phase of the mensuration study was completed during the reporting period. AH completed writing the computer programs for the analyses, and ☐ now has a teletype link to ☐ time-shared computer facility, which will be used for the computations.

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A preliminary analysis was made of the data from one frame. Preliminary plots were made to illustrate the effects on mensuration accuracy of various shapes and sizes of images. These plots were discussed with CM and people in his group.

The only remaining step to be taken before the major analyses are started is to transfer the punch-card data to paper tape.

The equipment required to do this is expected at during the first week of June.

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Missile Study. The first step in the data-collection phase of the missile study--the initial readout by the PIs--was completed during the reporting period. Arrangements were made for starting the second step--the analysis by the IAS. These arrangements were made in a meeting with two IAS attended by Miss EJ, PS, JH, FS, AH and DNE.

It is difficult to estimate how much time the IAS will require to complete their portion of the study. They will be doing the work on their own time, an unfortunate burden on them; but their interest in the study is great and consequently they volunteered to take on the extra burden.

Variable Obliquity - Constant Scale Study. The report of the variable obliquity-constant scale study is in final draft form. A report summarizing the three studies done using photographs of the model is currently being prepared. It is felt that a wider distribution of the three studies would be desirable.

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